



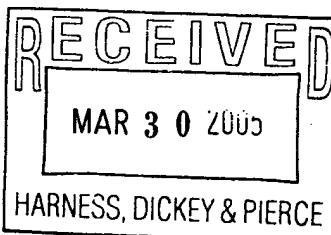
## UNITED STATES PATENT AND TRADEMARK OFFICE

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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/509,248	Shunichi Kuroda	12480-000066/US

INTERNATIONAL APPLICATION NO.
PCT/JP03/02601

30593  
HARNESS, DICKEY & PIERCE, P.L.C.  
P.O. BOX 8910  
RESTON, VA 20195



I.A. FILING DATE	PRIORITY DATE
03/05/2003	03/29/2002

CONFIRMATION NO. 4497  
371 FORMALITIES LETTER



\*OC000000015567600\*

Date Mailed: 03/25/2005

### NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
  - A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of Annex C of the Administrative Instructions and 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
  - APPLICANT MUST PROVIDE:
    - An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
  - For Rules Interpretation, call (703) 308-4216
  - To Purchase PatentIn Software, call (703) 306-2600
  - For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

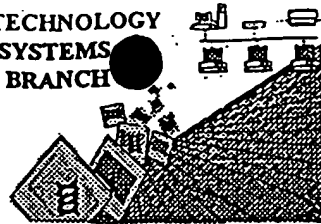
WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/509,248	PCT/JP03/02601	12480-000066/US

FORM PCT/DO/EO/922 (371 Formalities Notice)



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

10/509,248

Source:

PCT

Date Processed by STIC:

10/4/2004

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):  
U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

*Please mail this notice with  
the PCT/00/50/922.*

Winston Alvarado  
National Stage Processing  
Patent Specialist  
(703) 305-8421



PCT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/509,248

DATE: 10/04/2004

TIME: 11:15:48

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10042004\J509248.raw

3 <110> APPLICANT: Japan Science and Technology Corporation  
 5 <120> TITLE OF INVENTION: Growth factors ior the likej presented protein hollow nano-  
 particles for  
 6 therapeutic drug

W--&gt; 7 &lt;130&gt; FILE REFERENCE: P023P02

C--&gt; 9 &lt;140&gt; CURRENT APPLICATION NUMBER: US/10/509,248

C--&gt; 9 &lt;141&gt; CURRENT FILING DATE: 2004-09-28

9 &lt;150&gt; PRIOR APPLICATION NUMBER: JP 2002-97395

W--&gt; 10 &lt;151&gt; PRIOR FILING DATE: 2002-3-29

12 &lt;160&gt; NUMBER OF SEQ ID NOS: 4

14 &lt;170&gt; SOFTWARE: PatentIn Ver. 2.1

16 &lt;210&gt; SEQ ID NO: 1

17 &lt;211&gt; LENGTH: 39

18 &lt;212&gt; TYPE: DNA

19 &lt;213&gt; ORGANISM: Artificial Sequence

W--&gt; 20 &lt;220&gt; FEATURE: Synthesized Oligonucleotide

W--&gt; 21 &lt;223&gt; OTHER INFORMATION:

W--&gt; 21 &lt;400&gt; SEQUENCE: 1

22 cgacaaggca tgggagggcg cgcagccct caggtcag

24 &lt;210&gt; SEQ ID NO: 2

25 &lt;211&gt; LENGTH: 39

26 &lt;212&gt; TYPE: DNA

27 &lt;213&gt; ORGANISM: Artificial Sequence

W--&gt; 28 &lt;220&gt; FEATURE: Synthesized Oligonucleotide

W--&gt; 29 &lt;223&gt; OTHER INFORMATION:

W--&gt; 29 &lt;400&gt; SEQUENCE: 2

30 ctgagccctga gggctgcccgc cgcctcccat gccttgctg

32 &lt;210&gt; SEQ ID NO: 3

33 &lt;211&gt; LENGTH: 27

34 &lt;212&gt; TYPE: DNA

35 &lt;213&gt; ORGANISM: Artificial Sequence

W--&gt; 36 &lt;220&gt; FEATURE: Synthesized Oligonucleotide

W--&gt; 37 &lt;223&gt; OTHER INFORMATION:

W--&gt; 37 &lt;400&gt; SEQUENCE: 3

38 ggggcccgcg catgaactct gattccg

40 &lt;210&gt; SEQ ID NO: 4

41 &lt;211&gt; LENGTH: 30

42 &lt;212&gt; TYPE: DNA

43 &lt;213&gt; ORGANISM: Artificial Sequence

W--&gt; 44 &lt;220&gt; FEATURE: Synthesized Oligonucleotide

W--&gt; 45 &lt;223&gt; OTHER INFORMATION:

W--&gt; 45 &lt;400&gt; SEQUENCE: 4

46 gggcggccgc cagcagttc ccaccatttc

Does Not Comply  
 Corrected Diskette Needed  
 (pg. 1-3)

pls see error  
 explanation  
 on page 2.

pls insert response beside  
 numeric  
 identifier  
 (223).

see error explanation  
 on page 2.

move response into section (223).

leave (220) blank

same  
 errors

leave (220) blank

same errors

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/509,248

DATE: 10/04/2004  
TIME: 11:15:49

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10042004\J509248.raw

Use of <220> Feature (NEW RULES):

~~Sequence(s) are missing the <220> Feature and associated headings.~~

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

ERROR EXPLANATION

Seq#:1,2,3,4

## VERIFICATION SUMMARY

DATE: 10/04/2004

PATENT APPLICATION: US/10/509,248

TIME: 11:15:49

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\10042004\J509248.raw

L:7 M:283 W: Missing Blank Line separator, <130> field identifier  
L:9 M:270 C: Current Application Number differs, Replaced Current Application No  
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:10 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:20 M:283 W: Missing Blank Line separator, <220> field identifier  
L:20 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:21 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:1, <213>  
ORGANISM:Artificial Sequence  
L:21 M:283 W: Missing Blank Line separator, <400> field identifier  
L:21 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:21  
L:28 M:283 W: Missing Blank Line separator, <220> field identifier  
L:28 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:29 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:2, <213>  
ORGANISM:Artificial Sequence  
L:29 M:283 W: Missing Blank Line separator, <400> field identifier  
L:29 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:29  
L:36 M:283 W: Missing Blank Line separator, <220> field identifier  
L:36 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:37 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:3, <213>  
ORGANISM:Artificial Sequence  
L:37 M:283 W: Missing Blank Line separator, <400> field identifier  
L:37 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:37  
L:44 M:283 W: Missing Blank Line separator, <220> field identifier  
L:44 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:45 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:4, <213>  
ORGANISM:Artificial Sequence  
L:45 M:283 W: Missing Blank Line separator, <400> field identifier  
L:45 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:45